# Valasa Om Prasad Reddy

✉ valasaomprasadreddy0@gmail.com  📞 6302019149  📍 Puttaparthi, Andhra Pradesh

🔗 linkedin.com/in/prasad-unique  🔗 Portfolio

## PROFESSIONAL SUMMARY

Java developer with 9 months of experience delivering scalable, cloud-ready micro-services. Proficient in **Spring Boot**, **MySQL**, **AWS**, **Docker**, and **Kubernetes**, with a solid grasp of RESTful API design and CI/CD automation. Seeking to apply backend expertise and grow within a high-impact engineering team.

## WORK EXPERIENCE

**Cye Technology Pvt. Ltd. (Associate Software Engineer)**          11/2024 – present │ Hyderabad, India
*Roles and Responsibilities :*

- Developed scalable Java 21 / Spring Boot microservices with **Spring Cloud (Eureka, Gateway, Config Server)**, secured via JWT-based auth and granular role-based access using Spring Security.
- Designed REST APIs with MySQL + Hibernate and integrated **Zipkin** for distributed tracing across services.
- Built end-to-end **CI/CD pipelines using GitHub Actions**, integrated **SonarQube** for static code analysis and quality gates, and pushed Docker images to Docker Hub.
- Deployed workloads to **AWS EKS** using Helm; configured HPA for auto-scaling, and monitored services with AWS CloudWatch.
- Followed **DevOps** best practices: containerized apps with Docker, implemented Git workflows, peer reviews, and maintained API docs via Swagger.

## TECHNICAL SKILLS

- **Languages:** Java 21, Python (basic scripting)
- **Frameworks:** Spring Boot, Spring Security, Hibernate/JPA,Spring Cloud
- **Databases:** MySQL, Amazon RDS
- **Cloud & DevOps:** AWS (EC2, ECS, EKS, S3, VPC, RDS, IAM, CloudWatch), Docker, Kubernetes, Maven, GitHub Actions
- **Tools & Concepts:** Git, Postman, Linux, Swagger/OpenAPI, Agile/Scrum, OOP, SDLC

## PROJECTS

**Enterprise Micro-services Platform**
*(Java Backend + Devops)*

- Developed modular, scalable RESTful APIs using **Spring Boot**, **Spring Cloud**, **MySQL**, and **Spring Security**, ensuring reliability via automated Postman/Newman tests and strict adherence to SOLID principles.
- Built a robust **CI/CD pipeline with GitHub Actions**, integrated **SonarQube** for code quality checks, and deployed Dockerized microservices to **AWS EKS** using Helm.
- Enabled dynamic scaling with **Spring Cloud Config**, **HPA**, and centralized monitoring using CloudWatch — boosting deployment reliability by **90%**.
- Tuned database performance through query optimization and **HikariCP** connection pooling, cutting response time by **50%** and maintaining **99.9% uptime** in production.

## CERTIFICATES

- **Best Employee Award – CYE Technology Pvt Ltd** for outstanding performance in project execution and contribution.

## EDUCATION

**B.Tech (Computer science and Engineering)**          2020 – 2024 │ Markapur, AP
Dr. Samuel George Institue Of Engineering And Technology

## PERSONAL SKILLS

- Excellent communication, analytical thinking, and problem-solving abilities.
- Highly collaborative with a strong team-oriented approach.

## LANGUAGES

- English
- Telugu